

## **Attachment 9**

### **Past Performance**

#### **9.1 Sonoma County Water Agency**

The Sonoma County Water Agency (Water Agency) has full-time administrative and financial staff with experience in federal and state grant management. Staff will track work plan tasks, costs, and schedule. DWR grant funds will be tracked separately and will not be comingled with any other funds. Narrative and financial reports to DWR will address project operations, major accomplishments, issues that may affect the project schedule or budget, planned activities, and cost and schedule status.

The Water Agency staff has successfully managed a wide range of projects and has an excellent relationship with the community it serves and the agencies it works with. The proposed Enhanced Groundwater Recharge Study is similar to the recent (2008) Local Groundwater Assistance Grant Project (Monitoring Wells and Recharge Mapping Project) in that it requires the development of plans and specifications for the construction of a series of monitoring wells, data gathering and assessment, project management, fiscal management, schedule management, public outreach and a final assessment of the accomplishments. Section 9.2 below details the Water Agency's performance on the 2008 LGA grant project.

Water Agency will submit quarterly reports to DWR which will follow the format specified in Exhibit E of the DWR Grant Agreement. Quarterly reports will include an executive summary, description of project operations to date, description of major accomplishments, discussion of any issues or concerns that may affect the project schedule or budget, activities planned for the following quarter, cost and schedule status.

Water Agency has performed well on numerous grants, cooperative funding agreements, and cooperative partnerships where the Agency was the lead for tracking work progress and completion, including schedule and budget performance. The Water Agency is currently managing more than \$9 million dollars in active federal and State grants. The Supplemental Documents at the end of this attachment include a list of both federal and State grants awarded to the Water Agency that are currently active, as well as grant amounts, match funds, and performance periods. Also included are samples of month progress reports, invoices with back-up documentation, and performance evaluations related to grant projects.

#### **9.2 Past Performance on Previous DWR Grants or Other Grants**

##### **9.2.1 Sonoma Valley Monitoring Wells and Recharge Mapping Project (DWR LGA Grant)**

On behalf of the Basin Advisory Panel (Panel) for the Sonoma Valley Groundwater Management Program, the Water Agency applied for and obtained an AB303 Grant from DWR for the *Sonoma Valley Monitoring Wells and Recharge Mapping Project* (Project). The Project included installation and development of two multilevel groundwater monitoring wells and a groundwater recharge mapping study. The Water Agency entered into a Grant Agreement with DWR in December 2008 (Agreement No. 4600008204) to receive \$249,908 in grant funding. Work activities included the following:

Presentations on the approach, status, and primary findings of the groundwater recharge mapping study were provided to a Technical Advisory Committee and Basin Advisory Panel periodically in 2010.

Technical specifications and a Project Manual for the construction of the groundwater monitoring wells were prepared. The Request-for-Bid was released on December 9, 2010, and four bids were received on January 18, 2011. The Water Agency's Board of Directors awarded the contract to the low bidder, Maggiora Brothers Drilling of Watsonville, California, in the amount of \$150,240 on February 8, 2011.

Drilling activities, well construction, and well development for the two nested groundwater monitoring wells commenced on May 31, 2011 and were completed in September 2011.

The Recharge Mapping Project was completed and a Technical Memorandum was distributed in the fall of 2011.

The groundwater monitoring wells were instrumented with pressure transducers, temperature probes, and electrical conductivity sensors. Water quality sampling of the monitoring wells was conducted in November 2011 by DWR and the Water Agency.

Data obtained from the water quality sampling and well instrumentation was tabulated, plotted, and transmitted to DWR. Data was evaluated to assess the need and practicality for additional well development activities.

Continuing Project updates were provided to the Technical Advisory Committee and Basin Advisory Panel.

The Water Agency is completing the Final Report for the Project.

### ***9.2.2 Specific examples of how tasks were completed within the time allotted and within the budget provided***

The State freeze on bond-funded work caused a delay to the start of the Project (i.e., authorization to proceed with all of the proposed work associated with the grant was not provided by DWR until March 2010). To address this delay, the term of the Grant Agreement was initially extended from May 15, 2010 to May 15, 2011.

As the drilling contract was awarded during the wet-weather season (February), the commencement of field work was delayed to avoid potential cost increases and logistical issues associated with wet field conditions. To address these delays, the term of the Grant Agreement was further extended to May 15, 2012. Other factors resulting in minor delays to the drilling schedule included the following:

- The monitoring well casings and screens could not be pre-ordered until the exploratory boreholes were completed, and delivery of the materials required a lead time of two weeks.
- An additional shallow-zone monitoring well was constructed at the Watmaugh Road location based on the review of drilling and geophysical logs by Water Agency and DWR staff.
- Based on the results of elevated turbidity levels from the deeper well casings during final development, additional well development activities were performed within the deeper zone monitoring well screens.

Despite these minor delays, the Project was completed in advance of the May 15, 2012 termination date for the grant.

While additional costs were incurred related to the additional development work and construction of the additional shallow zone monitoring well, costs associated with the Project remained within the total Project Budget.

As of April 30, 2012, the Water Agency had prepared and submitted to DWR eight Progress Reports showing compliance with the Grant Agreement which included: (1) a summary of the Project status, including work activities completed, major accomplishments, issues and concerns, and planned activities; (2) a summary of the budget status; and (3) updated project schedules.

## ***9.3 Supplemental Documents***

Final Project Inspection Reports, evaluations, samples of progress reports, invoices, and backup documentation are contained in the Supplemental Documents section of this Attachment 9. These documents provide evidence of the Water Agency's breadth of experience in successfully administering both State and federal grant programs.